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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	16 Sheets	Attorney Docket Number	AVSI-0033 (108328.00170)
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U. S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
YA	1.	U.S.- 5,847,066	08-Dec-98	Coy et al.	Entire Patent
	2.	U.S.- 5,846,936	08-Dec-98	Felix et al.	Entire Patent
	3.	U.S.- 5,792,747	11-Aug-98	Schally et al.	Entire Patent
	4.	U.S.- 5,776,901	07-Jul-98	Bowers et al.	Entire Patent
	5.	U.S.- 5,756,264	26-May-98	Schwartz et al.	Entire Patent
	6.	U.S.- 5,696,089	09-Dec-97	Felix et al.	Entire Patent
	7.	U.S.- 5,486,505	23-Jan-96	Bowers et al.	Entire Patent
	8.	U.S.- 5,292,721	08-Mar-94	Boyd et al.	Entire Patent
	9.	U.S.- 5,137,872	11-Aug-92	Seely et al.	Entire Patent
	10.	U.S.- 5,134,120	28-Jul-92	Boyd et al.	Entire Patent
	11.	U.S.- 5,084,442	28-Jan-92	Felix et al.	Entire Patent
	12.	U.S.- 5,061,690	29-Oct-91	Kann et al.	Entire Patent
	13.	U.S.- 5,036,045	30-Jul-91	Thorner	Entire Patent
	14.	U.S.- 5,023,322	11-Jun-91	Kovacs et al.	Entire Patent
	15.	U.S.- 4,839,344	13-Jun-89	Bowers et al.	Entire Patent
	16.	U.S.- 4,410,512	18-Oct-83	Bowers et al.	Entire Patent
	17.	U.S.- RE33,699	24-Sep-91	Drengler	Entire Patent
	18.	U.S.- 4,833,166	23-May-89	Grosvenor et al.	Entire Patent
	19.	U.S.- 4,228,158	14-Oct-80	Momany et al.	Entire Patent
	20.	U.S.- 4,228,156	14-Oct-80	Momany et al.	Entire Patent

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Substitute for Form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/764,818
		Filing Date	01/26/2004
		First Named Inventor	Ruxandra Draghia-Akli, et al.
		Group Art Unit	
		Examiner Name	
(use as many sheets as necessary)			
Sheet	2	of	16 Sheets
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YA	26.	Aihara, H. and J. Miyazaki. 1998. Gene transfer into muscle by electroporation in vivo. Nat. Biotechnol. 16:867-870.		T ²
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YA	36.	Bohlen, P., F. Esch, P. Brazeau, N. Ling, and R. Guillemin. 1983. Isolation and characterization of the porcine hypothalamic growth hormone releasing factor. Biochem Biophys Res Commun. 116:726-734.		T ²
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YA	55.	Draghia-Akli, R., M. L. Fiorotto, L. A. Hill, P. B. Malone, D. R. Deaver, and R. J. Schwartz. 1999. Myogenic expression of an injectable protease-resistant growth hormone-releasing hormone augments long-term growth in pigs. Nat. Biotechnol. 17:1179-1183.	
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RA	64.	Farmer, C., D. Petitclerc, G. Pelletier, and P. Brazeau. 1992. Lactation performance of sows injected with growth hormone-releasing factor during gestation and(or) lactation. <i>Journal of Animal Science</i> 70:2636-2642.		T ²
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VA	73.	Gopinath, R. and T. D. Etherton. 1989a. Effects of porcine growth hormone on glucose metabolism of pigs: I. Acute and chronic effects on plasma glucose and insulin status. <i>J. Anim Sci.</i> 67:682-688.		

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YH	74.	Gopinath, R. and T. D. Etherton. 1989b. Effects of porcine growth hormone on glucose metabolism of pigs: II. Glucose tolerance, peripheral tissue insulin sensitivity and glucose kinetics. <i>J. Anim Sci.</i> 67:689-697.		T ²
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Sheet	9	of	16 Sheets	Attorney Docket Number	AVSI-0033 (108328.00170)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						T ²
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YAA	84.	Kawamoto, T., K. Makino, H. Niwa, H. Sugiyama, S. Kimura, M. Amemura, A. Nakata, and T. Kakunaga. 1988. Identification of the human beta-actin enhancer and its binding factor. Mol. Cell Biol. 8:267-272.				
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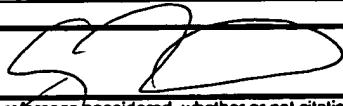
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YAS	94.	Levenson, V. V., E. D. Transue, and I. B. Roninson. 1998. Internal ribosomal entry site-containing retroviral vectors with green fluorescent protein and drug resistance markers. <i>Hum. Gene Ther.</i> 9:1233-1236.		
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<i>YJ</i>	104.	McNally, M. A., J. S. Lebkowski, T. B. Okarma, and L. B. Lerch. 1988. Optimizing electroporation parameters for a variety of human hematopoietic cell lines. <i>Biotechniques</i> 6:882-886.			
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YA	114.	Ohlsson, H., S. Thor, and T. Edlund. 1991. Novel insulin promoter- and enhancer-binding proteins that discriminate between pancreatic alpha- and beta-cells. Mol. Endocrinol. 5:897-904.			
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	124.	Radke, B. and G. Shook. 2001. Culling and Genetic Improvement Programs For Dairy Herds. In: Food Animal Production Medicine. pp. 291-307. W.B.Saunders Company.	
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YA	134.	Terada, Y., H. Tanaka, T. Okado, S. Inoshita, M. Kuwahara, T. Akiba, S. Sasaki, and F. Marumo. 2001. Efficient and ligand-dependent regulated erythropoietin production by naked dna injection and in vivo electroporation. Am. J Kidney Dis. 38:S50-S53.			
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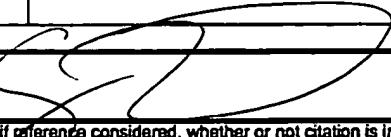
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/764,818
(use as many sheets as necessary)				Filing Date	01/26/2004
				First Named Inventor	Ruxandra Draghia-Akli, et al.
				Group Art Unit	
				Examiner Name	
Sheet	15	of	16 Sheets	Attorney Docket Number	AVSI-0033 (108328.00170)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
VA	144.	Tsunekawa, B., M. Wada, M. Ikeda, H. Uchida, N. Naito, and M. Honjo. 1999. The 20-kilodalton (kDa) human growth hormone (hGH) differs from the 22-kDa hGH in the effect on the human prolactin receptor. <i>Endocrinology</i> 140:3909-3918.	
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Examiner Signature		Date Considered	2/4/05
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				Filing Date	01/26/2004
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YA	152.	Wada, M., H. Uchida, M. Ikeda, B. Tsunekawa, N. Naito, S. Banba, E. Tanaka, Y. Hashimoto, and M. Honjo. 1998. The 20-kilodalton (kDa) human growth hormone (hGH) differs from the 22-kDa hGH in the complex formation with cell surface hGH receptor and hGH-binding protein circulating in human plasma. Mol. Endocrinol. 12:146-156.			
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	157.	Yasui, A., K. Oda, H. Usunomiya, K. Kakudo, T. Suzuki, T. Yoshida, H. M. Park, K. Fukazawa, and T. Muramatsu. 2001. Elevated gastrin secretion by in vivo gene electroporation in skeletal muscle. Int. J Mol. Med. 8:489-494.			
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YA	161.	Zhao-Emonet, J. C., O. Boyer, J. L. Cohen, and D. Klatzmann. 1998. Deletional and mutational analyses of the human CD4 gene promoter: characterization of a minimal tissue-specific promoter. Biochim. Biophys. Acta 1442:109-119.			

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